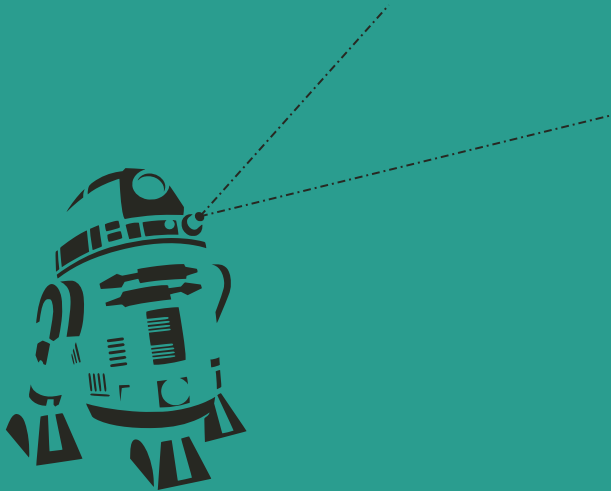


Introduction to Machine Learning

Albert Ruiz

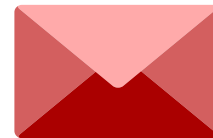
What was the first Machine Learning application?



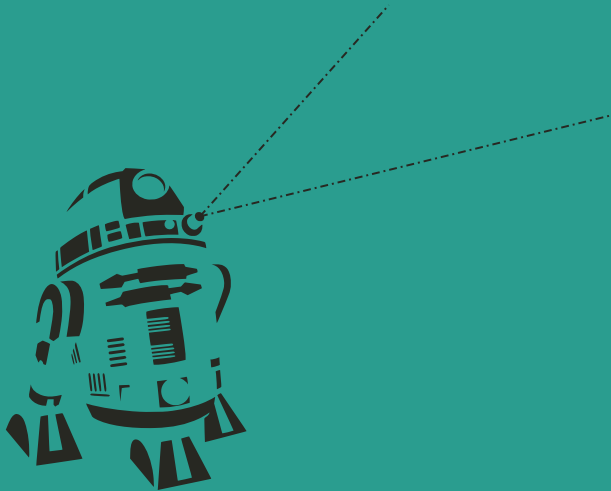
First ML application: the spam filter



Ham or Spam?



How would you code a spam filter?



Coding a spam filter: traditional approach

TODO

Coding a spam filter: ML approach

TODO

What are we going to learn today?

Agenda

1. Introduction (5 min)

- What is ML?
- Why ML?
- ML in insurance

2. End-to-end ML (45 min)

- Data
- Pre-processing
- Vectorization
- Modelling
- Visualization

3. Hands-on ML (practice, 1h)

Introduction

What is ML?

Machine learning is the field of study that gives computers the ability to learn without being explicitly programmed.

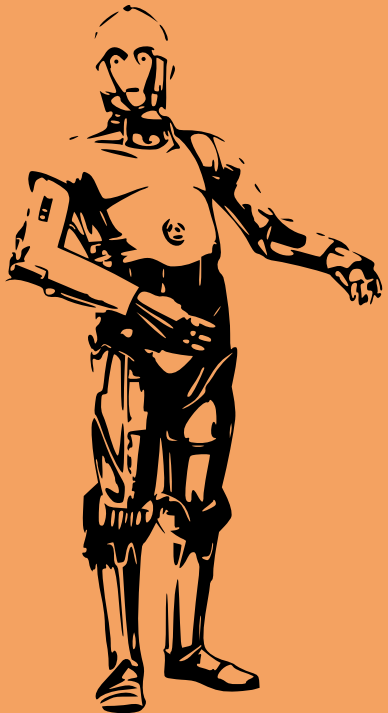
[Arthur L. Samuel, 1959]

ML, DS and AI

ML applied to the insurance sector

End-to-end ML

Hands-on ML (practice)



Questions?

(albert.ruizalvarez@zurich.com)

Thank you!